



CPC Africa Desk InterTropical (ITF) Front Analysis

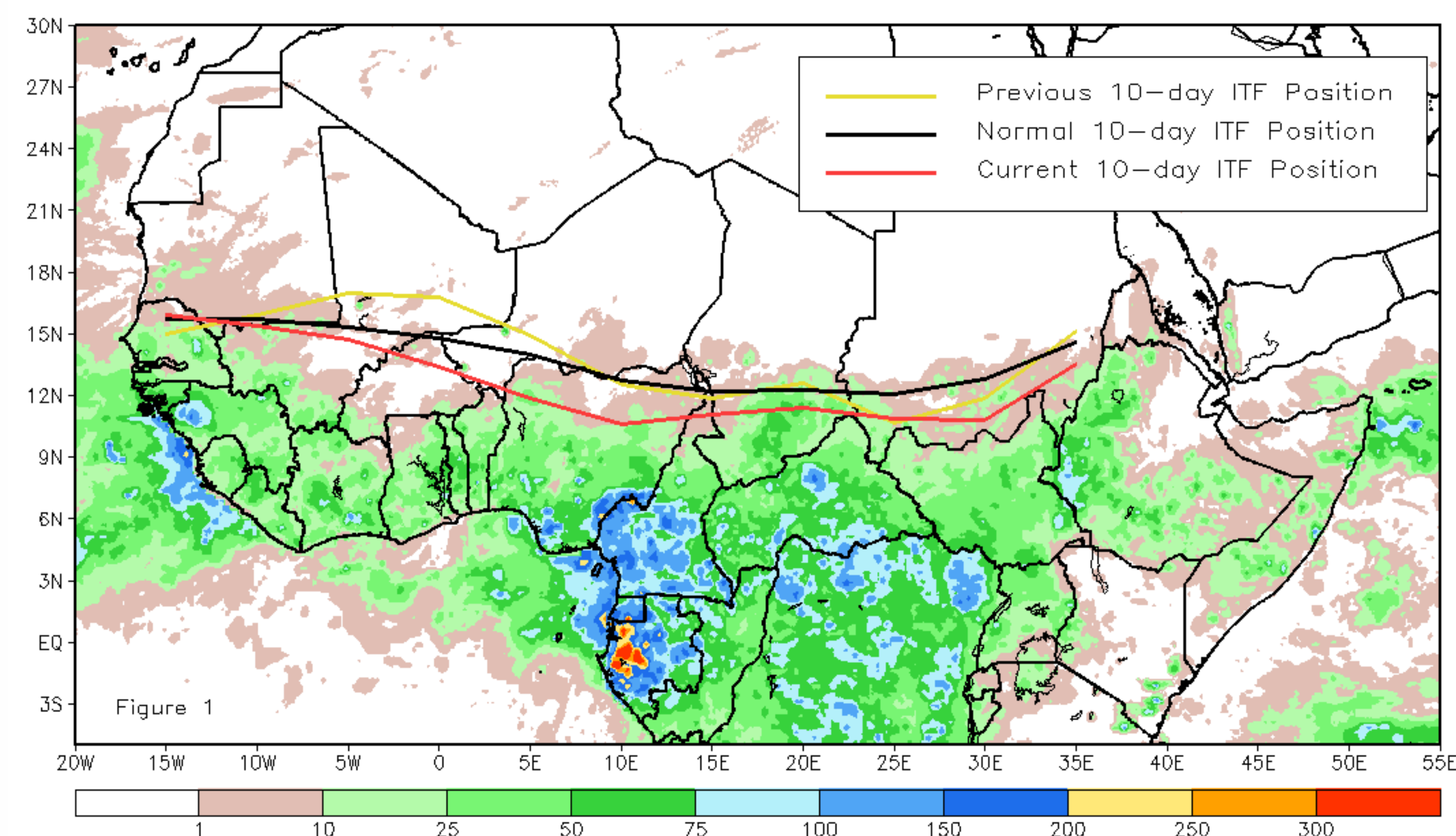
October 2013, Dekad 2

Discussion:

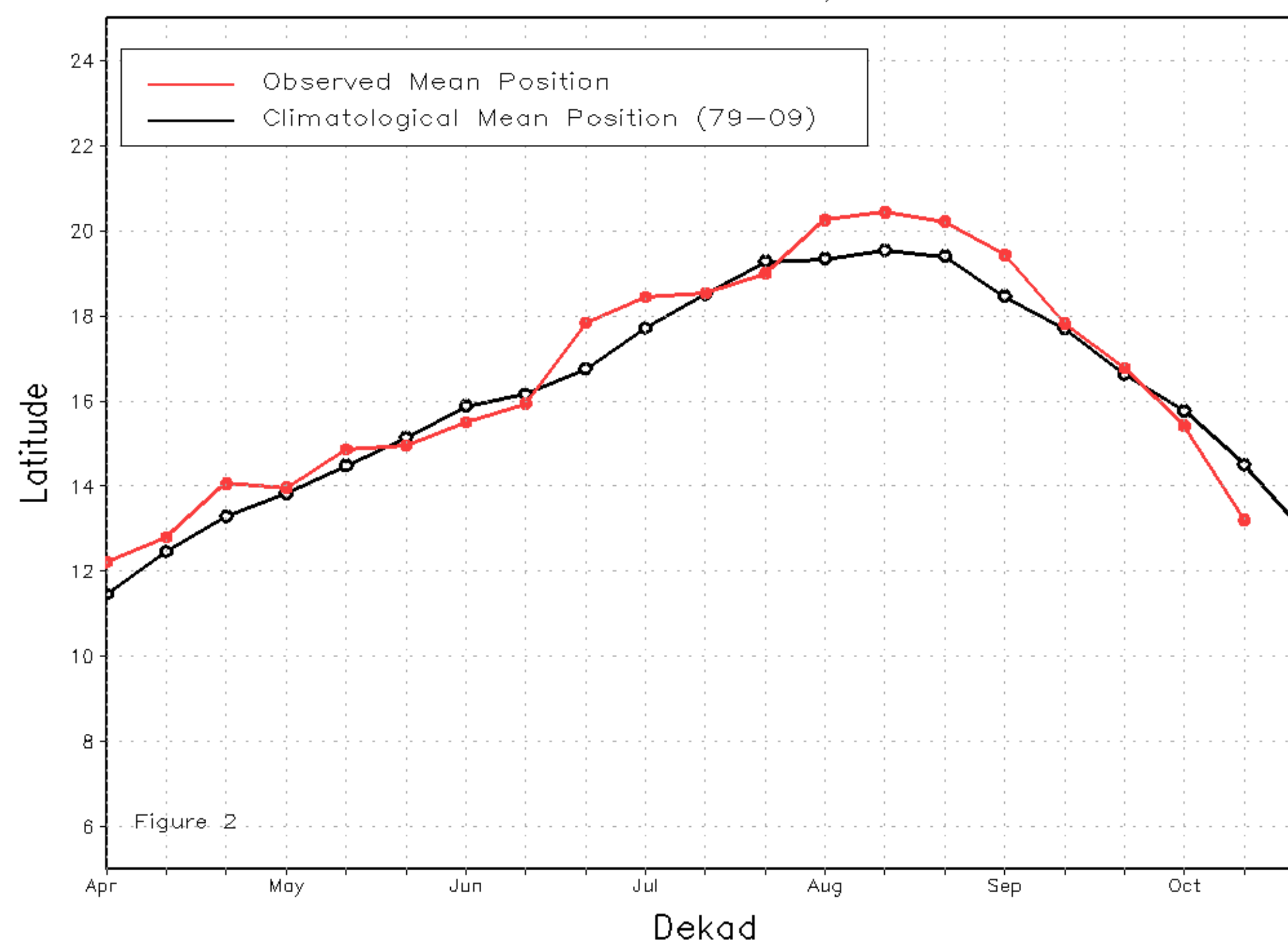
From October 11-20, 2013, the ITF continued its rapid equatorward retreat across Africa and resulted in mostly below-average rainfall across both the western and eastern portions of the continent. The mean western portion of the ITF was located nearly at 13.2 degrees North, which was farther south of the long-term average position by 1.3 degrees. The mean eastern portion of the ITF was approximated at only 11.6 degrees North, which was also to the south of the climatological position by 1.3 degrees. The anomalous southward position of the ITF could be attributed to stronger than average northerly components of the low-level winds, pushing the rain-belt farther south. Figure 1 displays the current ITF position relative to its long-term average position during the second dekad of October and its previous position during the first dekad of October. Figures 2 and 3 are time series, displaying the mean latitudinal values of the western and eastern portion of the ITF, respectively, and their evolutions since April, 2013.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)

October 2013, Dekad 2



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: October 2013, Dekad 2



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: October 2013, Dekad 2

